

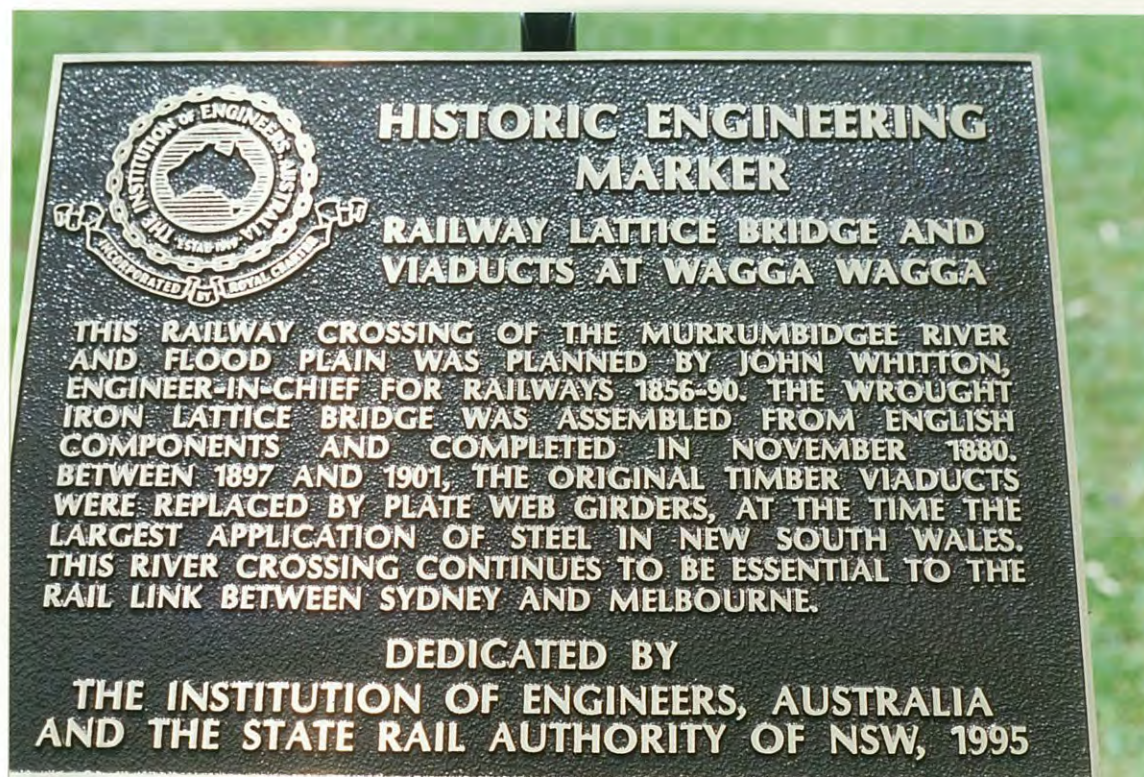
3/6/100

CEREMONY REPORT

FOR THE

**RAILWAY LATTICE BRIDGE
AND VIADUCTS AT
WAGGA WAGGA**

SATURDAY 11TH NOVEMBER 1995





Peter Ross, Chairman of Riverina Group, I E Aust introducing proceedings.



Councillor L. Vidler represented Wagga Wagga City Council.



The Hon. Noel Hicks, MP, Member for Riverina.



Dick Smith, Regional General Manager, South, State Rail Authority.

ITINERARY FOR PLAQUING CEREMONIES

SATURDAY 11TH NOVEMBER 1995

- 9.15 for 9.30 Headlie Taylor Header, Henty. Ceremony to take place at static display site (see attached plan) Formalties to take approx. 30-40 min and will be followed by morning tea.
- 11.45 for 12.00 Lattice Railway Viaduct, Wagga Wagga. Ceremony to take place in the area between Sizzler Restaurant and the Railway viaduct at the Edward St. and Tarcutta St. intersection. Car parking is available at extreme rear of Sizzler Restaurant. Formalties to take approx. 30-40 min.
- 2.15 for 2.30 Re-enactment of the opening ceremony of the Hampden Bridge. Ceremony to place at bridge site. Formalities to be preceded by street parade of Dignitaries in horse drawn carriages, Bands, etc. Official component of ceremony closes at 3.30 and will be followed by family entertainment until approx. 5.00pm.
- 7.00 for 7.30 Informal Dinner with short speaches at the Bridge Steak House, Riverina Hotel, 188 FitzMaurice St. Cost \$25/head (drinks extra) 3 Course meal.
Those attending must give prior advice, so please advise Mr Peter Ross on Bus. 069) 235X387 or Home 069) 312418

November's a gala month for engineering heritage

Plaquing and re-enactment ceremonies are proving an ideal way to bring engineers and their work to the community. IEAust's heritage engineers have several special events planned

for New South Wales during November, and invite other IEAust members to join the celebrations. For further information contact Don Fraser on phone (02) 337 4867.



The opening of the 100-year-old Hampden Bridge will be re-enacted in November



The 1881 lattice bridge over the Murrumbidgee River will be the subject of a plaquing ceremony to be held in November

Plaquing

Bathurst, NSW

Sunday, November 5

Noon - 1870 Denison Bridge over the Macquarie River

A sausage sizzle follows the plaque unveiling

Plaquing

Wagga Wagga, NSW

Saturday, November 11

12:15pm - 1881 railway lattice bridge and 1901 viaducts

Plaque unveiled as the XPT roars onto the viaduct

Plaquing

Henty, NSW

Saturday, November 11

9:30am - 1910 Headie Taylor header

Join in morning tea after the plaquing

Centenary re-enactment

Wagga Wagga, NSW

Saturday, November 11

2:30pm - Procession to 1895

Hampden Bridge

3pm - Full re-enactment of the original opening ceremony, 100 years ago

7:30pm - Celebration dinner

For further details contact Don Fraser on phone (02) 337 4867

Northern Division

Contact the division office to confirm this month's program (089) 81 4137.

Geomechanics and Civil Branch

Mon 6 November, 5:30 for 6pm
Hydroelectric developments in south east Asia
Venue: Salamanca Inn, 10 Gladstone St, Hobart
Speaker: David Wilson, HEC
Cost: IEAust & AGS members \$15, non-members \$18.50
RSVP: David Wilson by 3 November, (002) 30 5389

Geomechanics and Civil Branch

Thu 9 November, 12:45pm
Recent bridgeworks
Venue: Aberfeldy Tavern

Electrical Branch/IEE

Tue 14 November

National grid matters

■ Mechanical Branch/Chemical/Division

Wed 15 November

Annual general meeting

Southern aluminium

Speaker: Lyle Bruce

■ Environmental

Tue 21 November, 6pm

The Tamar Valley alrashed study

Speaker: Dr Manuel Nunez

Venue: CSIRO, Auditorium

■ Young Engineers

Fri 24 November

Annual dinner

■ Maintenance

Tue 28 November, 8pm

Performance indicators and benchmarking

Venue: R E Building

■ IEE

Wed 29 November, 7 for 7:30pm

■ Civil/Structural Branch
Thu 23 November, 12 for 12:30pm
Annual general meeting
Draft ACT and sub-region planning strategy
Speaker: George Tomlins, ACT chief planner

Division

Fri 24 November, 7 for 7:30pm
Annual division guests night
Venue: National Film and Sound Archive, McCoy Circuit, Acton
Cost: \$35 per person
RSVP: division office by 17 Nov

Newcastle Division

All visitors welcome to any events, meetings or technical sessions. Please contact Jage or Sally at division office, Heritage Centre, 1st floor, 90 Hunter St, Newcastle on phone (049) 26 4440 or fax (049) 29 7121, for more information and to confirm times.

Young Engineers, Newcastle

Thu 2 November, 5:30pm

Committee meeting

Venue: ES309, Engineering Faculty, University of Newcastle

■ Society of Engineering Associates

Tue 7 November, 7pm

Annual general meeting

Venue: BHP recreation club board room, Crebert St, Mayfield

Meeting will be preceded by a light meal

■ Mine Subsidence Technological Society

Tue 14 November, 3pm

Designing for mine subsidence

Speakers: from various areas of mine subsidence

Venue: Macquarie Room, Campbelltown Catholic Club, 20V

usual g meet

CANCELLED

The IREE Society

Wed 8 November, 6:15pm
Regional, economical and employment growth through innovation
Speaker: J Humphrys

Structural Panel

Mon 13 November, 6pm

AS4100 workshop

Venue: University of Queensland

■ Transport Panel

Tue 14 November, 6:15pm

Annual general meeting

Chairman's address

Venue: Annex

■ Electrical Branch

Wed 15 November, 5:30pm

Distribution 2000

Venue: Southbank Convention Centre

■ Water Panel

Wed 15 November, 5:30pm

Annual general meeting

Queensland quality water atlas

Speaker: Dr W Poplawski

■ Geomechanics Group

Thu 16 November, 7pm

Annual general meeting

■ Management Panel

Mon 20 November, 6:15pm

Annual general meeting

■ Structural Panel

Mon 20 November, 6pm

AS4100 workshop

Venue: University of Queensland

■ Mechanical Branch

Tue 21 November, 6:15pm

Annual general meeting

Airp-art noise

Speaker: Dr R Thorne

■ Electrical Branch

Wed 22 November, 4:30pm

Annual general meeting

Can we make it in Australia?

Speaker: E Shepherd

Venue: SEQEB, 150 Charlotte St, Brisbane

■ Structural Panel

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site visits early to avoid disappointment.

Transportation

Mon 6 November, 5:30 for 6:15pm
Acquire, convert, operate - a new transport service
Speaker: F Lander, South East of SA Economic Development Board
Venue: Chapman Hall

Young Engineers

Mon 6 November, 6pm

Executive meeting

Venue: Queens Head Hotel

■ Biomedical

Wed 8 November, 5:30 for 6pm

Annual presentation of student papers and engineering awards

Venue: Chapman Hall

■ MESA

Thu 9 November, 6:30pm

Annual general meeting plus inclusion of maintenance in capital projects

Speaker: BHP representative

Venue: Chapman Hall

■ Maintenance Engineering Society

Thu 9 November, 6:30pm

Annual general meeting

■ Society of Engineering Associates

Tue 15 November, 5:15pm

Site visit: Proof and experimental establishment Port Wakefield

Cost: \$15

■ Heritage Branch

Thu 16 November, 5:30pm

Son of the red centre

Speaker: Kurt Johansen

Venue: Lincoln Rowe Room, Engineering House

■ Footings Group

Thu 16 November, 5:30pm

Annual general meeting

Venue: Chapman Hall

■ Young Engineers Group

Mon 20 November, 6pm

General meeting

Water Engineering Panel

Fri 3 November, 6pm
Annual general meeting and dinner
Venue: Golden Gate Hotel
Cost: \$38/person (3 course dinner)
RSVP: Simon Beecham (02) 330 2623

Broken Hill Group

Fri 3 November

Annual general meeting

Info: Stephen Duffield (080) 888 928

■ Riverina Group

Sat 4 November

Annual general meeting

Info: Peter Ross (069) 235 387

■ Engineering Heritage Committee

Sun 5 and Sat 11 November

Gala days for engineering heritage

Info: Don Fraser phone/fax (02) 337 4867

■ Toastmasters Club

Mon 6 November

Health and fitness

Venue: Graphics Arts Club, 1st Floor, 22 Regent St, Railway Sq

Info: Bob McDonnell (02) 257 1160

■ Environmental Branch/Environment Institute of Australia

Mon 6 November

Successes and failures in motor vehicle emission controls

Speaker: Prof Robert Sawyer

■ Society of Engineering Associates

Tue 7 November

Annual general meeting

Info: Tom McLoughlin (02) 891 1771

■ Australian Geomechanics Society

Wed 8 November

E H Davis memorial lecture

■ Illawarra Regional Group

Wed 8 November, 6:30pm

Annual general meeting

Speaker: David Potter "Red R in Tanzania"

Venue: West Suburbs Leagues Club

Mine Subsidence Technological Society/Mine Subsidence Board

Tue 14 November, 3pm
Designing for mine subsidence
Venue: Campbelltown Catholic Club
Info: Graham Hanson (049) 29 9864

Water Engineering Panel

Wed 15 November
Restructuring of the water industry
Info: Graham Whyte (02) 562 6331

Transport Panel

Thu 17 November
Annual dinner

Toastmasters Club

Mon 20 November
Christmas holidays
Venue: Graphic Arts Club
Info: Bob McDonnell (02) 257 1160

Materials Society/Manufacturing Branch/Quality in Engineering

Tue 21 November, 5pm
Site visit: Capral Aluminium Limited
Venue: 11 Longfield St, Cabramatta
RSVP: Lang Chung (02) 9929 8544 by 14 November

Power Distribution Panel

Tue 21 November
Info: Brian Jay (02) 268 4221

Mechanical Branch

Wed 22 November

Western Sydney Water Engineering Panel

Wed 22 November, 12:15pm
Land and Environment Court
Speaker: Bob Hussey
Info: Drew Brawsher (02) 868 1966 or Dee Taylor (047) 36 0144

Annual general meeting

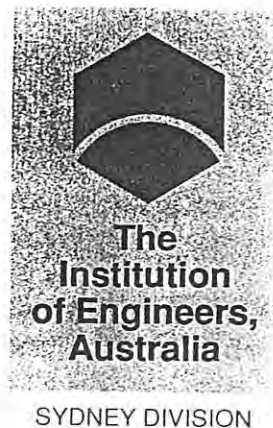
Venue: Gazebo Hotel, Parramatta
Info: Dee Taylor (047) 36 0144

Electrical Branch

Thu 23 November
Electrical branch retiring chairman's address

Prof Don Fraser
14 Derby Street
VAUCLUSE 2030

Typical invitation



Dear Sir,

The Institution of Engineers Australia request the pleasure of your company on Saturday, 11th November 1995 for a day of historical recognition in the Riverina area.

As part of a National Historic Engineering Plaquing Programme, the National Committee of Engineering Heritage and the Engineering Heritage Committee, Sydney Division, in conjunction with the Riverina Group of the Institution of Engineers Australia, will conduct ceremonies and present Historic Engineering Markers to recognize the significance of two engineering feats, namely

- a) the Headlie Taylor Header, located at Henty, which significantly impacted on agriculture within Australia and was designed and constructed in Henty
- b) the lattice railway viaduct, over the Murrumbidgee river at Wagga Wagga, which provided a flood free rail connection between Melbourne and Sydney and is of a unique design.

A further function is being organized by the North Wagga Residents Association to commemorate the Centenary of the official opening of the Hampden Bridge on the 11th of November 1895. In February of 1993, the Hampden Bridge was presented with an Historic Engineering Marker.

All these ceremonies are of historic importance to the communities involved and your attendance on the day would add to the significance of the occasion. Your participation in all of the days activities would be welcomed, however, if you wish to participate solely in your area we fully understand but please give consideration to the Dinner to be held in Wagga Wagga following the conclusion of the ceremonies.

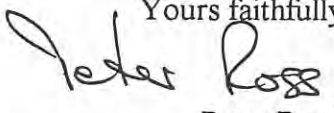
An itinerary of the days activities is attached and an RSVP is required by October 31st to either of the following

Headlie Taylor Header ceremony - Mr Bruce Beard Culcairn Shire Council
Ph 060) 298588

Lattice Railway Viaduct ceremony - Mr Peter Ross Wagga Wagga City Council
Ph 069) 235387

Hampden Bridge Ceremony - Mr George Wood-Bradley Ph 069) 215063

✓ If attending all activities please contact Mr Peter Ross.

Yours faithfully

Peter Ross
Chairman Riverina Group

To:-
Peter Ross, Wagga Wagga City Council
Bruce Beard, Culcairn Shire Council
Paul Hagenbach

From:- Don Fraser ph/fax 02 337 4867

Henty - Wagga plaquings


It is my pleasure to advise that Stephen Branch, President, Sydney Division has accepted the invitation to be the Institution's official representative for the unveiling of the two plaques on Saturday 11 November.

Would follow this with a formal acknowledgement with the many invitations originating from your joint efforts.

Regards,

Don

c c Stephen Branch

Rob Breen 

Nomination for the Electrical Engineering Branch Committee

There are distinct personal advantages for experienced engineers, young and not so young, who are accepted as members on the Electrical Engineering Branch Committee.

The Committee consists of senior representatives of the Government, Private Industry and Universities and encompasses the main streams of the electrical engineering world ie Communications, Power, Control and Computers. Furthermore it looks after the interests of the IEAust, IEE, IEEE, IREES, ESEA, and Associated Engineering bodies. Personal contact with such a large number of representatives provides a unique opportunity for gaining an overview of the electrical scene.

The contacts within the Institution and with outside organisations can vastly improve one's chances for promotion and advancement in business. When visiting overseas, contacts via the local Institutions could more readily be established.

The National Register for Engineers (NPER - 3) emphasises the importance of professional engineers and enhances the status of members of Engineering Committees. Because of the wide-ranging engineering subjects dealt with at Branch Committee meetings the time spent there is generally accepted as part of the points necessary to maintain your continuing engineering education.

Selecting lectures of high standard, maintaining their value for the purpose of Continuing Engineering Education, arranging inter-professional functions, seconding members as judges in Engineering Excellence Awards, is very much the role of the Committee.

To become a member of the Electrical Branch Committee is a privilege and recognition.

Encroachment on your time is not much, and the contribution and the social contacts you make should give you much satisfaction.

If you feel that you are up to it, forward your nomination and to the Sydney Division, Attention: Electrical Engineering Branch, before the 15th November.

Gala Days for Engineering Heritage

For Your Diary

The following plaquing events are planned for November.

Sunday 5th

At Bathurst

Noon The 1870 Denison Bridge over the Macquarie River.

Saturday 11th

At Henty

9.30am The 1910 Headlie Taylor header.

At Wagga Wagga

12.15pm The 1881 railway lattice bridge and 1901 viaducts.

12.45pm Unveil plaque as XPT passes onto the viaduct.

At North Wagga Wagga

2.30pm Procession to Hampden Bridge.

3.00pm Re-enactment of opening ceremony 100 years ago.

Wagga Wagga venue

7.30pm Celebration dinner (self pay).

More details contact:- Don Fraser on ph/fx (02) 337 4867.

Real Time Detection of Tissue Abnormalities

Presented by Electrical Engineering Branch

Date: Thursday 9th November, 1995

Venue: IEAust Harricks Auditorium

Time: 5.30 for 6.00pm

The address, supported by slides and video recording, by Messrs R Thompson and D Bull deals with recent developments of cancer detection by computer assisted electronic instrumentation. Following invitations sent by the Chairman of the Electrical Branch to Medical Practitioners and Cancer Research organisations, a number of guests from the medical profession are expected to attend.

NOMINATION FOR MEMBERSHIP ON THE ELECTRICAL BRANCH COMMITTEE

Name:

Membership grade:

College Membership:

Field of engineering:

Employment:

Phone:

Mail to: IEAust - Sydney Division, Electrical Engineering Branch, PO Box 138, Milsons Point NSW 2061

November 1995

Engineers

SYDNEY

118 Alfred Street, (PO Box 138), Milsons Point NSW 2061,
Phone (02) 9929 8544 Fax (02) 9956 7670

National Engineering Week Review

130 Paddle Pops and a Harley Davidson



Chairman, Ray Taylor with the winning team - Andrew Allan,
Brendan Elphick and Gavin Kawalsky

What have the Institution of Engineers, 130 Streets Paddle Pops and a Harley Davidson Electraglide motor cycle got in common. Nothing really. But take a group of civil engineering students from the University of NSW and combined the 153.5 grams of Paddle Pop sticks with about 20ml of H.B Fuller's PVA glue and you've got a half metre long bridge more than capable of carrying that 347 kg Harley.

At this year's launch of National Engineering Week on Sunday 3rd October, 138 engineering undergraduates from universities throughout NSW, South East Queensland and Ontario, Canada, competed with their 43 model bridges that were loaded to destruction at Sydney's Powerhouse Museum. The intent of the tests was to determine the model with the highest strength to weight to weight ratio. The winning model weighed only 153.5 grams and carried a load of 360 kg that was applied at mid span to a hydraulically operated 12mm loading beam.

This event signalled the beginning of a busy week for Division members. Site visits (to such diverse places as ANSTO and the Sydney Harbour Tunnel Control Room and Ventilation System) were held every day and

culminated with an Engineering Heritage Walk on the following Saturday afternoon.

The annual Harrick's Address delivered by His Excellency Rear Admiral Peter Sinclair, AC, Governor of New South Wales (and Honorary Fellow of the Institution), was "standing room only" and extremely successful. The Address also incorporated a Certificate Presentation, with around 30 members presented with Certificates by the Governor, adding to the importance of the occasion.

Another highlight was the Young Engineers Public Speaking Competition, where all in attendance were entertained by some of the profession's more gifted young public speakers.

Overall, National Engineering Week once again provided members of the Division and the general public the opportunity to recognise and consider the contribution engineers make within the community.

Notification of Sydney Division Elections

In accordance with Division Rule 44.1 notification is given that election for a Division Councillor will be held.

Ballot papers expect to be with members early December, and will close 12th January, 1996.

Appointment of Returning Officer

I hereby wish to state that the Sydney Division Committee has appointed me as Returning Officer for the forthcoming elections for:

- (a) Councillor (1 position) elected by Sydney Division

My Affiliate with IEAust is as Director of Sydney Division.

Charles Gerrard FIEAust
(Member No: 392555)

THE INSTITUTION OF ENGINEERS,
AUSTRALIA
AND
STATE RAIL, NEW SOUTH WALES

RAILWAY LATTICE BRIDGE AND VIADUCTS, WAGGA WAGGA

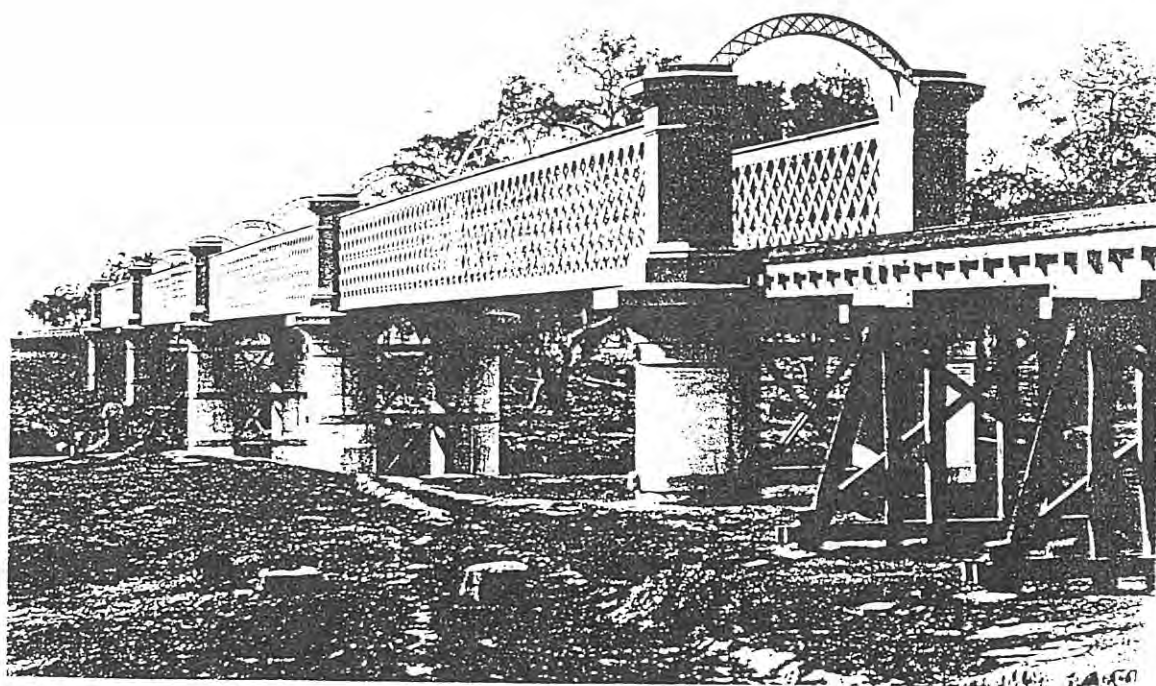
THE PRESENTATION OF
AN HISTORIC ENGINEERING MARKER

11 NOVEMBER, 1995

THE NATIONAL COMMITTEE ON ENGINEERING
HERITAGE

THE ENGINEERING HERITAGE COMMITTEE,
SYDNEY DIVISION

THE RIVERINA GROUP, THE INSTITUTION OF
ENGINEERS, AUSTRALIA



The lattice wrought iron railway bridge and the original timber viaduct c1890



RAILWAY LATTICE BRIDGE AND VIADUCTS

THE DEDICATION OF
AN HISTORIC ENGINEERING MARKER
RECOGNISING THE ENGINEERING HERITAGE
IMPORTANCE OF THE RAILWAY LATTICE BRIDGE
AND VIADUCTS AT WAGGA WAGGA

PROGRAMME: SATURDAY, 11 NOVEMBER, 1995
11.45 am : Assemble at the Railway Viaduct adjacent to Sizzler Restaurant
12.00 : * Welcome to guests
* Cr L. Vidler, representing Mayor of Wagga Wagga City Council
* Mr. Noel Hicks, MP, Member for Riverina
* Mr. Dick Smith, Regional General Manager, Freight Rail
* UNVEILING OF THE PLAQUE by
Mr. Stephen Branch, President, Sydney Division, Institution of
Engineers Australia

The wording of the Historic Engineering Marker is as follows:-

"RAILWAY LATTICE BRIDGE AND VIADUCTS AT WAGGA WAGGA
THIS RAILWAY CROSSING OF THE MURRUMBIDGEE RIVER AND FLOOD PLAIN WAS PLANNED
BY JOHN WHITTON, ENGINEER-IN-CHIEF FOR RAILWAYS 1856-1890. THE WROUGHT IRON
LATTICE BRIDGE WAS ASSEMBLED FROM ENGLISH COMPONENTS AND COMPLETED IN
NOVEMBER 1880. BETWEEN 1897 AND 1901, THE ORIGINAL TIMBER VIADUCTS WERE
REPLACED BY STEEL PLATE WEB GIRDERS IN A MAJOR USE FOR BRIDGEWORK OF THIS
MATERIAL. THIS RIVER CROSSING CONTINUES TO BE ESSENTIAL TO THE RAIL LINK BETWEEN
SYDNEY AND MELBOURNE.

DEDICATED BY

THE INSTITUTION OF ENGINEERS, AUSTRALIA AND
THE STATE RAIL AUTHORITY OF NSW, 1995"

RAILWAY LATTICE BRIDGE AND VIADUCTS (AT WAGGA WAGGA)

THE LATTICE BRIDGE

The railway lattice bridge over the Murrumbidgee River at Wagga Wagga will be virtually 105 years old on this day of plaquing. The bridge has been in continuous service since its completion in November 1880 and has, for more than half its life, carried rail traffic that is much heavier than its original design load.

Although important structural modifications have been made, the bridge is largely original in appearance and style of construction. It was the third of the twelve lattice bridges designed and constructed between 1872 and 1887 under the supervision of John Whitton, Engineer-in-Chief for Railways in New South Wales. Currently it is the 2nd oldest in service and the greatest in length.

The family of lattice bridges, and the girder bridges at Menangle and Penrith, are the supreme examples of the domination of British bridge technology in New South Wales prior to the change over to American style bridges in the 1890's.

Together with the lattice bridge over the Murray River at Albury, the Wagga bridge allowed the first linking by rail of two colonial capital cities, Sydney and Melbourne, on 14 June 1883.

THE VIADUCTS

There are currently five railway viaducts across the Murrumbidgee flood plain between Bomen and Wagga Wagga, 4 long and 1 short. The total number of spans is 310 with an aggregate length of 1.75 miles (2.8km), the longest set of viaducts in service.

The present viaducts are steel deck plate web girders which replaced the original timber girder viaducts built in Whitton's time. The replacement work was carefully planned and took nearly 4 years to completion in 1901, without delay to traffic.

It was the largest timber bridge replacement project until after World War II and was also the largest application of the relatively new material, steel, until construction of the North Coast Railway bridges 1913-1923.

The successful completion of this major work was a clear demonstration of the ability of local fabricators, and railway engineers and staff to deal with a project of this magnitude which would previously have been done entirely by contract using imported bridge units.

The viaducts have been in continuous service for 94 years without speed restrictions being imposed for the faster, heavier rail traffic.

COLLECTIVELY the railway lattice bridge and viaducts at Wagga Wagga have been one of the most cost effective engineering works from the colonial period.

The lattice bridge is on the Register of the National Estate and it and the viaducts are Classified by the National Trust (NSW).



Dick Smith addressing the guests.



Stephen Branch, President of Sydney Division, I E Aust declared both the railway lattice bridge and the viaducts to be Historic Engineering Markers.



The VIP group about to unveil the plaque, above, and below, the plaque unveiled.





Stephen Branch and Noel Hicks celebrate the event.



The Sydney-bound XPT service was the first train to use the now historic viaducts and lattice bridge over the Murrumbidgee River.

14 Derby Street
Vaucluse 2030
ph/fax 337 4867
9 October 1995.

Stephen Branch
President, Sydney Division
I E Aust.

Dear Stephen,

Plaquings on 11 November

Arrangements are proceeding and no doubt you saw the notice on page 11 of the latest edition of *Engineering Times*. For the Friday night stay at Wagga Wagga I have booked Faith and I, and Mike and Annie Clarke into the Astor Motel next to the railway station, ph 069 214 328. We'll then drive down the Olympic Way to Henty to be there soon after 9am.

My next task is to help you with speech notes, for which you will find the attached information useful. It has become customary for the I E Aust representative to mention 2 matters, The Institution (what it is and the contribution its members have made to society down the years) and the Plaquing Programme (its aims, what has been achieved and some examples of the breadth of plaqued works). When there are only two speakers, as should happen at Henty and Wagga, as far as I know (but never sure if a Shire President, Mayor or Local Members gets a last minute nod) then you could add something that you think is relevant to the occasion.

For more information about the day's details it would be best to contact Peter Ross, President, Riverina Group (work ph 069 23 5387, fax 069 23 5424).



Facsimile Transmission

Date 4 October 1995

To Peter Ross
Wagga Wagga City Council

From Rebecca Dale (For Fran Trench)
Freight Rail, South

Fax No Ours (069) 220 477 Yours (069) 235 424

No of Pages (including cover sheet) 1

Peter,

Please find **amended** list of important names within Freight Rail as requested

Gordon Messiter, Chief Executive, State Rail
MSB Building 207 - 210 Kent Street
SYDNEY NSW 2000

Frank Morrison, Group General Manager Freight Rail
Level 12, 126 Church Street
PARRAMATTA NSW 2150

Dick Smith, Regional General Manager, South Freight Rail
Richard Franzl, Regional Engineer, Civil South Freight Rail
PO Box S-150, WAGGA WAGGA NSW 2650

Pradeep Saxena, A/Division Engineer, Wagga Wagga
PO Box 280, WAGGA WAGGA NSW 2650

Mick Maher, Bridge Inspector
C/- Po Box 138, COOTAMUNDRA NSW 2590

Barry Garnham, Director, Rail Net
Level 7, 207-210 Kent Street
SYDNEY NSW 2000

SOUTH

WAGGA WAGGA CITY COUNCIL

STANDING LIST - CIVIC RECEPTIONS

DALE, Cr P.S. & Mrs Barbara (MAYOR)	55 Missouri Avenue, Wagga Wagga Mail: P.O. Box 947, Wagga Wagga
HULL, Cr K.E. & Mr Graeme (DEPUTY MAYOR)	Lot 3 Inglewood Rd., Wagga Wagga
BLACKETT, Cr D.L. & Mrs Louise	4 Morrow St, Wagga Wagga
BRASSIL, Cr P. & Mrs Anne	32 Collins Street, Wagga Wagga
ELDRIDGE, Cr J.T. & Mrs Doris	85 Stanley Street, Wagga Wagga
FRANCIS, Cr J.E. & Mrs Dianne	"Kelgrove" RMB 278 Downside, Wagga Wagga
GEORGIU, Cr M. & Mrs Dawn	17 Missouri Avenue, Wagga Wagga
HARDING, Cr J.R. & Mrs Lin	6 Balmoral Crescent, Wagga Wagga
KIDSON, Cr M.C. & Mr Guy	4 Cummins Drive, San Isidore, Wagga Wagga
MILLER, Cr C. & Mrs Maree	39 Amaroo Street, Wagga Wagga
REES, Cr J.W. & Canny Kinloch-Rees	27-29 Pearson Street, Uranquinty
RICHARDSON, Cr. L. & Mrs Helen	Lot 3 Vincent Road, Wagga Wagga
VIDLER, Cr L.V. & Mrs Ellen	84 Plumpton Rd., Wagga Wagga
WALES, Cr K.J. & Mrs Gwen	92 Raye Street, Wagga Wagga
WEEDEN, Cr J.D. & Mrs Robyn	27 Athol Street, Wagga Wagga
ANDREWS, Mr & Mrs B.L.	(General Manager)
WELLS, Mr & Mrs G.	(Director of Engineering & Technical Services)

- 2 -

HICKS, Mr N. & Mrs Hicks	Member for Riverina, P.O. Box 399 S, South Wagga Wagga
SCHIPP, Hon. J.J., M.P., & Mrs	Member for Wagga Wagga, P.O. Box S184, South Wagga Wagga
ASIMUS, Mr & Mrs D.	"Alabama", Tumbarumba Road, Wagga Wagga NSW 2650
NOLAN, Lt. Cmdr. Pat & Mrs	C/- RAAF STT WAGGA WAGGA NSW 2651
JUDGE, Group Captain D. & Mrs	R.A.A.F. Base, Forest Hill, 2651

National Trust of Australia

George Benedyka
Stephen Davies

Wagga Wagga & District Historical Society

Colin Carlin
Phyllis de Jersey

Friends of the Hampden Bridge

Rachael Crease
Gordon Murray
Andrew Reed

Bridge to Bridge Committee

Mark Golden

Engineering Heritage Committee's

Rob Breen
Paul Hagenbach
Ian Bowie
Michael Clarke
Annie Miley
Don Collee
Don Fraser
Trevor Howells
Byrne Kenny
John Muirhead
Harry Trueman

Institution of Eng. - Sydney Div.

Charles Gerard
Stephen Branch

Institution of Eng. - Riverina Group

Members advised generally.

Communications to be addressed to
Town Clerk, P.O. Box 20. A separate
envelope should be forwarded for each
page.

When replying, please quote
ref. No.



THE COUNCIL OF THE

CITY OF WAGGA WAGGA

INCORPORATED 1870

CITY COUNCIL CHAMBER
WAGGA WAGGA N.S.W. 265
TELEPHONE: (069) 23549
DX 541
TELEX: AA 16996
FAX: (069) 23540

FROM:

FAX (069) 235 424

ENGINEERING AND TECHNICAL SERVICES
DEPARTMENT

DATE:

10/10/95 TIME:

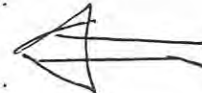
TO:

DON FRASER

COMPANY:

FROM:

PETER ROSS



MESSAGE:

List of invitees - have I missed } TOO
anyone } LATE
NOW

Also your note to Dick Smith
indicated refreshments after ceremony &
reduct; I thought (Fran concurs) that we
were going to dispense with this due to
guests moving away for lunch.

PAGES 7 (INCLUDING COVER SHEET)

Please advise if you have any problems with this transmission by phone or fax to the
above numbers.

YES
BYO lunches. Don 10/10/95

14 Derby Street
Vaucluse 2030
ph/fax 02 337 4867
9 October 1995



R. J. 'Dick' Smith
Regional General Manager, South
State Rail Authority of NSW
Wagga Wagga.

Dear Dick,

Plaquing at Wagga Wagga on 11 November.

Further to my letter of 1 May 1995.

Arrangements for this event are proceeding through Peter Ross, President of the Riverina Group, I E Aust, with the assistance of Fran Trench. Venue for the ceremony is on the Sizzlers side of the Tarcutta Street underbridge and timed to include the Up XPT passing from that underbridge onto the viaduct with the lattice bridge in the distance. The plaque will be later attached to the northwest face of the Sydney side concrete headstock.

The usual ceremony comprises an Introduction, speech by the owner's representative, speech by the I E Aust representative, unveiling the plaque, photographs, refreshments.

We have always planned that you would be available to represent State Rail at the ceremony and that I would supply you with sufficient information for your speech. To that extent it has already been done, because the nomination report contains copies of the two relevant papers, the one by Ross Best and me on the lattice girder bridges, and the other by Walter Shellshire about the viaducts.

You may, off course, add other appropriate information.

Could you review all this material and draft a speech, then if any other information is required I can get it to you as early as possible.

Regards,

Don Fraser

To:- Peter Ross
Wagga Wagga City Council

From:- Don Fraser
ph/fax 02 337 4867

Plaquings 11 Nov

It is 9 weeks yesterday to the ceremonies,
so I need a summary of actions at
your end, invitation list and general
arrangements. etc etc.

Everything should be ready by this time
in October, leaving "fine tuning",
speech notes and the like.

Let me know the current status ASAP.

Regards Don
Sunday 10/9/95

c.c. Bruce Beard
Culcairn Shire Council

Paul Hagenbach

To:- Fran Trench
SRA, Wagga Wagga

From:- Don Fraser
ph/fax 02 337 4867

Plaques rly bridge & viaducts

It seems to have been agreed that ceremony will take place on the north side (UP) of the Tarcutta St underpass, just near junction of main U/B and start of N°5 viaduct, with lattice bridge to the NE in the distance.

Final location of plaque (already delivered to Peter Ross) to be the end face on the Up side of the Sydney concrete headstock of the underpass. The plaque will then be facing NW and easily visible & readable from the footpath.

Could you get the plaque from Peter and ask your staff to check the site and the final fitting which will take place some time after the ceremony.

Please review your check list

Regards
Don
Sunday 10/9/95

To:- Peter Ross, City Council Wagga Wagga
From:- Don Fraser ph/fax 02 337 4867

Here are the names for Heritage Council & National Trust.

Howard Tanner. Chairman, Heritage Council of NSW.

Howard Tanner & Assoc, 52 Albion St, Surry Hills 2010

Ms Gabrielle Kibble, AO. Director General Dept of Planning
175 Liverpool St, Sydney 2000.

The Hon. Mr. Justice Barry O'Keefe, AM
President, National Trust of Australia (NSW)
National Trust Centre, Observatory Hill, Sydney 2000.

Also of National Trust, same address

Ms Elsa Atkins, Executive Director
Mr Stephen Davies, Director Conservation
Mr. Richard Mackay, Director

Regards
Don

Reshaping Industry With The Internet

Computers and communication provide essential tools for all branches of engineering. The Internet is a tool which has been available for some years, but only recently has emerged as important in the commercial world. All Institution members are invited to join the Electrical Branch in a lecture by Philip McCrea of CSIRO at 6.00pm on Thursday, 24 August in the Harricks Auditorium.

Philip will present the opportunities of the Internet for:

- improvement in business efficiencies;
- worldwide marketing of products and services;
- export of service industries; and
- an infrastructure for electronic commerce.

Philip will also demonstrate use of the Internet including web browsing.

NATSPEC Seminar Review

John Gelder, NATSPEC's Chief Editor, gave a talk recently at the Institution of Engineers, Australia on the subject "Specification writing - What every engineer should know". The two hour talk was attended by a wide ranging audience of over 80 engineers, both from within the building sector and beyond. The talk was generally well received, with at least 33 folk expressing interest in further talks, perhaps more detailed and/or more discipline-specific. Twenty-seven also expressed an interest in a Professional Development course on the subject. NATSPEC and IEAust hope to pursue these matters in the near future. Questions ranged from warranties, to design responsibility for balustrades, scope of work, lists of standards and the style and presentation of standards. John has an invitation from one practice to pay them a visit, and it looks like NATSPEC will sell at least one copy of its forthcoming book on the subject!

Engineering Heritage

Two gala days are being planned by local committees for plaquing ceremonies in November. Join us for these historic events and make a picnic day of each. Historic Engineering Markers will awarded to:

The 1870 Design Bridge at Bathurst on Sunday 5th at Noon. Then on Saturday 11th two more plaques, at 9.30am for the Headlie Taylor Header at Henty followed by the 1881 railway bridge in Wagga Wagga at 12.15pm.

After that, join the 2.30pm procession for the opening re-enactment of the 100 year old Hampden Bridge. A commemorative dinner will start at 7.30pm. More details in next issue of Engineers Sydney or contact Don Fraser on (02) 337 4867 ph/fax.

Canberra, Newcastle, Sydney Divisions Country Convention

Monaro Local Group
Invite You

to

A Top Weekend

at the

Snowy Mountains Country
Convention



Snowfields - Tourism and
Sustainable Development

27 - 29 October 1995

Berth's Mountain Inn
Thredbo Alpine Village

For more information on how you can take part in
this fun filled weekend of exploring Australia's high country
(both physically and from an engineering perspective)

contact:

Caroline Werner, Manager Canberra Division
Phone (06) 273 1314 or Fax (06) 273 2051

Stephen Branch, President
Syd Div, I E Aust

**GALA DAY
FOR ENGINEERING HERITAGE**

FOR YOUR DIARY

The following events are planned for Henty and Wagga Wagga, Saturday 11 November.

At Henty

9.30am Plaquing ceremony for the Headlie Taylor Header.

10am Morning tea

At Wagga Wagga

12.15pm Plaquing ceremony for the railway lattice bridge and viaducts.

12.45pm Unveil plaque as XPT passes onto the viaduct.

1.00pm Personal lunch arrangements.

At North Wagga Wagga

2.30pm Procession to Hampden Bridge.

3.00pm Re-enactment of opening ceremony 100 years ago.

Wagga Wagga venue

7.30pm Celebration dinner, self pay.

More details will be in the next notice.
Contact:- Don Fraser (02) 337 4867

Don Fraser
20/7/95

Memorandum

To: PETER ROSS Chairman, Riverina Group

cc Rob Breen, Associate Director Engineering
Bill Jordan, Deputy Chairman, The National Committee on Engineering Heritage
Michael Clarke, Chairman, Engineering Heritage Committee, Sydney Division
Don Fraser, Chairman, The Plaquing Sub-Committee of the NCEH
Bruce Beard, Shire Engineer, Culcairn Shire



**The
Institution
of Engineers,
Australia**

NATIONAL OFFICE

From: Paul Hagenbach

Date: 18 July, 1995

Subject: THE I E Aust. PLAQUING PROGRAMME

With two more plaques this year, the Riverina Group is moving ahead of much of Australia with its initiatives.

This is warmly welcomed by one and all.

May I suggest that you consider one or two plaques for 1996? There is, of course, a lead time of around 9 months.

There are quite a few possibilities, including the Railway Round House at Junee, and the Bethungra Spiral.

If we run short of funds, it is quite in order for the owner to put some money towards the costs, or for anyone else to sponsor the \$400, in return for their logo or initials on the plaque, this being their chance of immortality.

On an informal note, with respect to the kind offer from Michael Clarke to fund the two 11 November plaques, if for any reason Riverina Group has some money left over at the end of the year, you might consider sending a bit back to Michael, so that it can either be used for another plaque elsewhere, or diverted to some other worthy cause, such as the oral history programme.

Kind regards,

Memorandum

To: Peter Ross

From: Paul Hagenbach

Date: 12 July, 1995

Subject: 11 November 1995



**The
Institution
of Engineers,
Australia**

NATIONAL OFFICE

Thank you for convening the meeting, which was both important and useful.

I enjoyed catching up with everyone.

It was very good of Don Fraser to travel down to brief us - he and I had six hours of talking on the XPT, and most of this was Engineering Heritage!

I enclose a 'dump' of my relevant Heritage Contacts, other than the Riverina Group Mailing List, which I know you have anyway.

Please call me in to help whenever you are ready.

With kind regards,

Paul Hagenbach

Chairman, The National Committee on Engineering Heritage

cc Rob Breen, Associate Director Engineering
Bill Jordan, Deputy Chairman, The National Committee on Engineering Heritage
Michael Clarke, Chairman, Engineering Heritage Committee, Sydney Division
Don Fraser, Chairman, The Plaquing Sub-Committee of the NCEH
Bruce Beard, Shire Engineer, Culcairn Shire Council

ph/fax 02 337 4867

9 July 1995

Rob Breen

I E Aust, H Q.

ph 06 270 6527, fax 06 273 2358

Plaquing at Henty and Wagga Wagga 11 Nov 1995

I travelled to Wagga Wagga last Thursday to meet the Ceremony Committee and assist them in starting the ceremony arrangements. The basics are

At Henty	9.30am	The Headlie Taylor Header
	10 am	Morning tea
At Wagga	12.15pm	Railway bridge and Viaduct
	12.45pm	Unveil plaque as XPT passes on viaduct.
	1pm	Personal lunch arrangements
	2.30pm	Procession to Hampden Bridge
	3pm	Re-enactment of opening 100 years ago.
	7.30pm	Commemorative dinner, attendees pay.

You advised me recently that National President, Ian Mair would not be available, so can the Senior Vice-President officiate at both plaquings, as Brian Lloyd did for the Hampden Bridge plaquing ? If not can you suggest a National alternative ?

As for the Header at Henty, Bruce Beard (ph 060 298 588, fax 060 298 607) attended the meeting and will make all the arrangements there. He showed me a copy of the nomination document, which was to a satisfactory standard so I asked him to get it into the system ASAP. To that end he said that he would be going to Canberra next Sunday (I think) and would be prepared to drop the initial 5 copies to your home. Please contact him about the hand over can be achieved.

The nomination form in each copy may not be signed by an I E Aust representative, Paul and Peter Ross may be able to do this, but if not could you sign on behave of the NCEH?

Regards,



Copies to Paul Hagenbach, Peter Ross, Bruce Beard

Peter Ross	Chairman, Riverina Group, I E Aust
Paul Hagenbach	Chairman, N C E H, I E Aust
Don Fraser	Convenor, Plaquing Sub-committee, I E Aust
Fran Trench	Executive Officer, S R A Wagga Wagga
George Wood-Bradley	North Wagga Residents Association
Luke Grealy	Tourism, Wagga City Council
Peter Butler	Roads and Traffic Authority, Wagga Wagga
Bruce Beard	Manager, Engineering Services, Culcairn Shire Council

Minutes of meeting at Civic Centre, Wagga Wagga on 6 July 1995

The meeting was arranged in order that the attendees, above, could become the Ceremony Committee for the plaquing of the Headlie Taylor Header at Henty and the Railway Lattice Bridge and Viaducts at Wagga Wagga on Saturday 11 November 1995, and to coordinate arrangements with the Centenary celebrations for the Hampden Bridge, North Wagga Wagga. The meeting began at 2.45 pm.

Date of events

Discussion took place regarding other activities associated with the day being Armistice Day, and events the week before and the week after. I E Aust has a plaquing ceremony planned at Bathurst on Sunday 5th, and there is a Local Government Conference in Wagga Wagga starting on the 18th. There was a strong desire to link the engineering heritage events with the Hampden Bridge Centenary, therefore it was agreed to stay with Saturday 11th November.

Basic arrangements

At Henty	9.15am	Guests arrive
	9.30am	Plaquing ceremony for the Header
	10 am	Morning tea
At Wagga	Midday	Assemble at Tarcutta Street railway bridge
	12.15pm	Plaquing ceremony for lattice bridge & viaducts
	12.45pm	Unveil plaquing as XPT passes onto viaduct
Nth Wagga	1 pm	Personal lunch arrangements
	2.30pm	Procession to Hampden Bridge
	3 pm	Re-enactment of opening ceremony 100 years ago
At Wagga	7 pm	Guest arrive at dinner venue
	7.30pm	Dinner, attendees pay.

Locations

At Henty Outside the building housing the Header.
Map or location details by Bruce Beard.
Bruce to make all other arrangements there, similar to those
made for the Wagga ceremony and in accordance with the
Guide to Plaquing. Final location of plaque to be decided after
the ceremony.

At Wagga The Sydney side of the Tarcutta Street railway bridge is the preferred ceremony location, being the beginning of the viaduct and best for photos of the XPT on the viaduct. It is nearer the car park behind Sizzlers. However, the ground is patchily grassed.

The parkland between Tarcutta Street and Edward Street is more attractive but is separated from the viaduct and guests must cross busy Tarcutta Street. Recommend we make do with the Sydney side of Tarcutta Street.

In case of bad weather, arrangements be made with State Rail to use the waiting room at the railway station. But the room may be crowded with passengers and friends waiting for Sydney XPT. Fran Trench to review this. What about Sizzlers ?

Peter Ross to arrange for a lecturn, PA system, unveiling stand (with Fran Trench) and 20 chairs.

Invitations

Peter Ross to organise a standard letter, plus any variations, that sets out the total activities of the day and if invitee is part of the official party for speeches.

I E Aust

Don Fraser & Paul Hagenbach

Federal Member

Peter Ross

State Member

88

Mayor

11

SRA

Fran Trench

Heritage Council

Peter Ross, Don Fraser to supply names

National Trust

88

11

Kindred bodies, Historical Soc, other

Peter Ross

fax to Rob Green 10/7/95

taxed 11/7/95

Reply deadline Peter Ross and Bruce Beard

Ceremony brochures Bruce Beard to arrange for the Header.
Peter Ross and Paul Hagenbach to use the previous
Hampden Bridge brochure as a model for railway event.

I E Aust banner Don Fraser

SRA banner Fran Trench

The Ceremonies Each to take 30 minutes

At Henty M C - Bruce Beard
Shire President
Federal Member
I E Aust
Unveil plaque and photos
Speech details to be finalised.

At Wagga Fran Trench to check timing of XPT
M C - Peter Ross
S R A Dick Smith Fran Trench to check
Federal Member
I E Aust
Unveil plaque and photos
Speech details to be finalised.

Final location of plaque, on western (Up) face of Sydney headstock of Tarcutta
Street bridge, being nearest to the viaduct and reasonably secure from vandals.

Publicity

Local newspapers and TV Luke Grealy
I E Aust Don Fraser

*Design note 11/7/95
Engg Times 13/7/95*

Photography

Newspaper photographer, local photographer and I E Aust visitor as backups.

Next meeting

Formal meetings may not be necessary, but all parties to keep in touch by phone
and/or fax. Peter Butler (RTA) not involved with Header or Railway bridges.



BOARD OF ENGINEERING
POLICY

14 June, 1995

Peter Ross
Chairman, Riverina Group, Sydney Division
The Institution of Engineers, Australia
5 Jannali Place
WAGGA WAGGA

Dear Peter,

11 November 1995


Prof Don Fraser, in his capacity as Chairman of the Plaquing Sub-Committee of the National Committee on Engineering Heritage is anxious to visit us sometime **very soon** to discuss the programme of events on 11 November, and also the exact details of the location of the Plaques on the Railway Viaduct and, possibly, the Header at Henty.

Please telephone Don Fraser on (02) 337 4867 to establish when you could meet him in Wagga Wagga.

You may wish to involve Dick Smith and others.

I will be happy to carry your bags on the chosen day.

Kind regards,

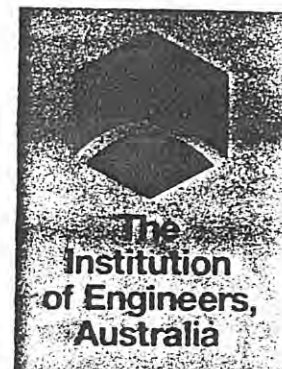


Paul Hagenbach
Chairman

National Committee on Engineering Heritage

cc Robert Breen, Associate Director Engineering
Bill Jordan, Deputy Chairman, National Committee on Engineering Heritage
Prof DJ Fraser, Michael Clarke, Chairman, Engrg. Herit. Com., Syd. Div.

10 May, 1995



NATIONAL OFFICE

Peter Ross
Chairman
Riverina Group
Sydney Division
The Institution of Engineers, Australia

Dear Peter

11 November 1995

There are several exciting events planned for 11 November; I expect that you have heard about them.

The events include:

- The re-enactment of the opening of Hampden Bridge.
- The placing of an Historic Engineering Marker on the Railway Lattice Bridge and Viaducts.
- The placing of an Historic Engineering Marker on the Header at Henty.
- A dinner that evening for IEAust visitors, preferably with all our local VIPs.

It seems to me that Riverina Group would enjoy acting as hosts for the visiting members of the Institution, and possibly other VIPs.

Whatever happens there will be some risk of overlap and the risk of treading on toes. This can be minimised by forming a small, active subcommittee.

Risks can also be minimised by putting our plans in place now, rather than later.

I still have the guest-list we used for the plaquing of Hampden Bridge.

We could expect to host the Presidents our Institution and of our Sydney Division, of the National Trust of NSW, the Chairperson of the Australian Heritage Commission, our Mayor, our Politicians, and our neighbouring Shire Presidents. We would also expect very senior guests from State Rail and Main Roads.

The key players who will make the day happen include:

You
Bruce Baird^{ea} - Shire Engineer, Culcairn Shire Council
Bob Breen - Director, IEAust Canberra
Michael Clarke - Chairman, Engineering Heritage Committee,
Sydney
Don Fraser - Chairman, IEAust Plaquing Sub-Committee
R.J. Smith - State Rail Wagga Wagga
George Wood-Bradley - North Wagga Residents' Association

When you are ready, please have a drink (or two) with me so that we may move the whole matter along a notch.

Kind regards,



Paul Hagenbach
Chairman
National Committee on Engineering Heritage
Tel: 069 28 5536 FAX: 069 28 5556

c.c. Messrs Baird, Breen, Clarke, Fraser, Wood-Bradley.

Facsimile:

Date: 24 July 1995

Total no. pages
(including this one)

1

to: Michael Clarke, Chairman, Engineering Heritage Committee, Sydney
Division



**The
Institution
of Engineers,
Australia**

NATIONAL OFFICE

number: 02 519 1356

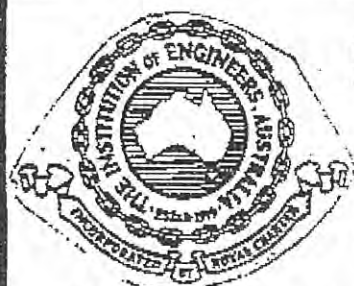
File: 3/6/100

from: Robert Breen, Associate Director Engineering

subject: REVISED LATTICE BRIDGE PLAQUE FOR WAGGA WAGGA

ere is the revised bromide for the Wagga railway bridge plaque for your agreement please.

In reply would you please advise of the address to which the completed plaque is to be delivered?



HISTORIC ENGINEERING MARKER

RAILWAY LATTICE BRIDGE AND VIADUCTS AT WAGGA WAGGA

THIS RAILWAY CROSSING OF THE MURRUMBIDGEE RIVER AND FLOOD PLAIN WAS PLANNED BY JOHN WHITTON, ENGINEER-IN-CHIEF FOR RAILWAYS 1856-90. THE WROUGHT IRON LATTICE BRIDGE WAS ASSEMBLED FROM ENGLISH COMPONENTS AND COMPLETED IN NOVEMBER 1880. BETWEEN 1897 AND 1901, THE ORIGINAL TIMBER VIADUCTS WERE REPLACED BY PLATE WEB GIRDERS, AT THE TIME THE LARGEST APPLICATION OF STEEL IN NEW SOUTH WALES. THIS RIVER CROSSING CONTINUES TO BE ESSENTIAL TO THE RAIL LINK BETWEEN SYDNEY AND MELBOURNE.

**DEDICATED BY
THE INSTITUTION OF ENGINEERS, AUSTRALIA
AND THE STATE RAIL AUTHORITY OF NSW, 1995**

Looks OK to me Don 25/7/95

*Post to Peter Ross Ph 069 23 5387 fax 23 54 24
Wagga Wagga City Council
PO Box 20
WAGGA WAGGA 2650*

Robert Breen

Robert Breen

c.c. Paul Hagenbach, Chairman, National Committee on Engineering Heritage Auto
Dr Don Fraser, Convenor, Commemorative Plaque Sub-Committee 02 337 4867
Peter Ross, Wagga Wagga City Council

Facsimile:

Date: 19 July 1995

Total no. pages
(including this one)

1

To: Arrow Engraving and Foundry Co (Attention Customer Service)

Fax number: (03) 553 2086

File: 3/6/100

From: Robert Breen, Associate Director Engineering

Subject: DESIGN, MANUFACTURE AND SUPPLY OF BRONZE PLAQUE

Thank you for your fax dated 17.7.95 in which you provided a copy of the bromide for the RAILWAY LATTICE BRIDGE AND VIADUCTS AT WAGGA WAGGA plaque.

The design has been examined and it is noted MELBOURNE is spelt incorrectly in the last line of the text and there is a W missing from NSW in the bottom line.

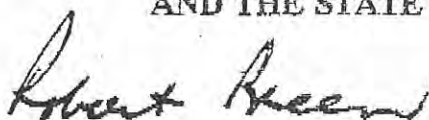
In reviewing the bromide it has been decided to slightly amend the text in the seventh and eighth lines. The revised wording is shown below. Please produce a new design and let me see it before manufacture.

HISTORIC ENGINEERING MARKER

RAILWAY LATTICE BRIDGE AND VIADUCTS AT WAGGA WAGGA

THIS RAILWAY CROSSING OF THE MURRUMBIDGEE RIVER AND FLOOD PLAIN WAS PLANNED BY JOHN WHITTON, ENGINEER-IN-CHIEF FOR RAILWAYS 1856-90. THE WROUGHT IRON LATTICE BRIDGE WAS ASSEMBLED FROM ENGLISH COMPONENTS AND COMPLETED IN NOVEMBER 1880. BETWEEN 1897 AND 1901, THE ORIGINAL TIMBER VIADUCTS WERE REPLACED BY PLATE WEB GIRDERS, AT THE TIME THE LARGEST APPLICATION OF STEEL IN NEW SOUTH WALES. THIS RIVER CROSSING CONTINUES TO BE ESSENTIAL TO THE RAIL LINK BETWEEN SYDNEY AND MELBOURNE.

DEDICATED BY
THE INSTITUTION OF ENGINEERS, AUSTRALIA
AND THE STATE RAIL AUTHORITY OF NSW, 1995



Robert Breen

Executive Officer

c.c. Paul Hagenbach, Chairman, National Committee on Engineering Heritage

Dr Don Fraser, Convenor, Commemorative Plaque Sub-Committee
02 337 4867Michael Clarke, Chairman, Engineering Heritage Committee,
Sydney Division

The
Institution
of Engineers,
Australia
NATIONAL OFFICE.

Facsimile:

Date: 3 July 1995

Total no. pages
(including this one)

1

To: Arrow Engraving and Foundry Co (Attention Customer Service)



The
Institution
of Engineers,
Australia

NATIONAL OFFICE

Fax number: (03) 553 2026

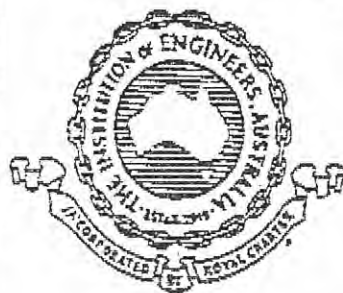
File: 3/6/95 100

From: Robert Breen, Associate Director Engineering

Subject: DESIGN, MANUFACTURE AND SUPPLY OF BRONZE PLAQUE

Please prepare a design for an Historic Engineering Marker plaque in accordance with the illustration shown below and forward the "bromide" to me for approval before manufacture.

This plaque will be required in time for unveiling in November 1995.



HISTORIC ENGINEERING MARKER

RAILWAY LATTICE BRIDGE AND VIADUCTS AT WAGGA WAGGA

THIS RAILWAY CROSSING OF THE MURRUMBIDGEE RIVER AND FLOOD PLAIN WAS PLANNED BY JOHN WHITTON, ENGINEER-IN-CHIEF FOR RAILWAYS 1856-90. THE WROUGHT IRON LATTICE BRIDGE WAS ASSEMBLED FROM ENGLISH COMPONENTS AND COMPLETED IN NOVEMBER 1880. BETWEEN 1897 AND 1901, THE ORIGINAL TIMBER VIADUCTS WERE REPLACED BY STEEL PLATE WEB GIRDERS IN A MAJOR USE FOR BRIDGEWORK OF THIS MATERIAL. THIS RIVER CROSSING CONTINUES TO BE ESSENTIAL TO THE RAIL LINK BETWEEN SYDNEY AND MELBOURNE.

DEDICATED BY
THE INSTITUTION OF ENGINEERS, AUSTRALIA
AND THE STATE RAIL AUTHORITY OF NSW, 1995

NOT TO
SCALE

Robert Breen
Executive Officer

c.c. Michael Clarke, Chairman, Sydney Division Engineering Heritage Committee (mail)
Dr Don Fraser, Convenor, Commemorative Plaque Sub-Committee 02 337 4867

Paul Hagenbach, Chairman, NCEH

100

Deane Kemp

Ray Whitmore

⇒ Rob Breen

Paul Hagenbach

Please order
this Plaque.

Don 1/7/95

We are getting there, version 22 June 1995.

THIS RAILWAY CROSSING OF THE MURRUMBIDGEE RIVER AND FLOOD PLAIN WAS PLANNED BY JOHN WHITTON, ENGINEER-IN-CHIEF FOR RAILWAYS 1856-90. THE WROUGHT IRON LATTICE BRIDGE WAS ASSEMBLED FROM ENGLISH COMPONENTS AND COMPLETED IN NOVEMBER 1880. BETWEEN 1897 & 1901 THE ORIGINAL TIMBER VIADUCTS WERE REPLACED BY STEEL PLATE WEB GIRDERS IN A MAJOR USE FOR BRIDGEWORK OF THIS MATERIAL. THIS RIVER CROSSING CONTINUES TO BE ESSENTIAL TO THE RAIL LINK BETWEEN SYDNEY AND MELBOURNE. (74 words)

Don

3/6/100

22 May 1995

Mr M N Clarke
Chairman, Engineering Heritage Committee
Sydney Division
The Institution of Engineers, Australia
118 Alfred Street
MILSONS POINT NSW 2061

Dear Michael

**Nomination for Historic Engineering Marker Plaque -
Railway Lattice Bridge and Viaduct, Wagga Wagga**

I am pleased to advise that your nomination of the Railway Lattice Bridge and Viaduct , Wagga Wagga for a Historic Engineering Marker award has been approved.

The Commemorative Plaque Sub-Committee of the National Committee on Engineering Heritage is drafting revised wording for the plaque. This will be forwarded to you in the near future for your consideration.

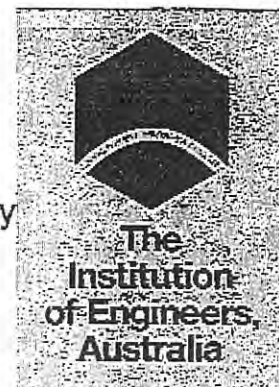
Yours faithfully,



Secretary
Commemorative Plaque Sub-Committee

c,c, Chairman, Board of Engineering
Chairman, National Committee on Engineering Heritage
Members, Commemorative Plaque Sub-Committee

Memorandum



NATIONAL OFFICE

To: Members, Commemorative Plaque Sub-Committee, Byrne Kenny

From: R A Breen, CPSC Executive Officer

Date: 8 May 1995

Subject: **ASSESSMENT OF COMMEMORATIVE PLAQUE NOMINATION**

File No: 3/6/

Gentlemen,

Attached is a nomination by Sydney Division of the **Railway Lattice Bridge and Viaducts at Wagga Wagga** for an Historic Engineering Landmark commemorative plaque.

Please examine the nomination and respond using the enclosed reply facsimile.

Replies are requested by **5 June 1995**. Non response by that date will be taken as endorsement of the nomination without reservation.

Don Fraser has disqualified himself from the assessment, Byrne Kenny has been nominated as his replacement on the assessing team.

R A Breen
CPSC Executive Officer

c.c. Paul Hagenbach, Chairman, National Committee on Engineering Heritage

Don,
For your info.

l,

14 Derby Street
Vaucluse 2030
ph/fax 02 337 4867
1 May 1995

R. J. Smith
Regional General Manager, South
State Rail Authority of NSW
Wagga Wagga.

George Wood-Bradley
North Wagga Wagga Residents Association
6 Hurst Street
North Wagga Wagga.

Paul Hagenbach
Institution of Engineers, Australia
"Karrindee"
via The Rock, NSW.



SYDNEY DIVISION

Dear Sirs,

Please find attached your copy of the Plaquing Nomination for the Railway Lattice Bridge and Viaducts at Wagga Wagga plus extracts regarding arranging a plaquing ceremony, from the Institution's *Guide to the Australian Historic Engineering Plaquing Programme*.

The Engineering Heritage Committee of Sydney Division would be grateful if you, collectively, would form the basis of the Ceremony Organizing Committee and begin planning the event on 11 November. Paul Hagenbach successfully organized the plaquing of the Hampden Bridge in February 1993 so will be a valuable contributor to the next event.

I will keep you informed of progress with the nomination, the subsequent finalising of the plaque words, manufacture and delivery of the plaque.

We look forward to being part of the big occasion.

Regards,

D. J. Fraser (Dr)

